

Converting Colors

Hex(BDF2F2)

Have a look what the booklet for
Hex(BDF2F2) contains.

Hex(BDF2F2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BDF2F2)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF2F2</code>
RGB	<code>189, 242, 242</code>
RGB Percent	<code>74%, 95%, 95%</code>
CMY	<code>0.2588, 0.0510, 0.0510</code>
CMYK	<code>0.22, 0.00, 0.00, 0.05</code>
HSL	<code>180°, 67%, 85%</code>
HSV	<code>180°, 22%, 95%</code>
XYZ	<code>68.7654, 80.7339, 95.9633</code>
YIQ	<code>226.1530, -31.5880, -11.2360</code>

Conversions

Conversions Part 2

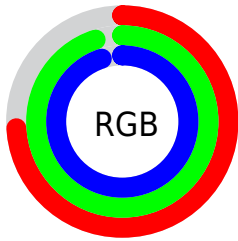
Format	Color
R_{YB}	189, 216, 242
Decimal	12448498
CIE _{Lab}	92.01, -16.71, -5.52
CIE _{LCh}	92, 17.600, 198.294
Yxy	80.7339, 0.2801, 0.3289
Android (android.graphics.Color)	4290638578 (0xFFBDF2F2)
YUV	226.1530, 7.8126, -32.5832
Hunter-Lab	89.8520, -20.6317, -0.4262

Details

The Hex color **BDF2F2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F2BDBD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **F6FFFF**, and **86BABA** is the 20% darker color. If you saturate the color by 10%, you get **A5F2F2**, and if you desaturate by 10%, it is **D5F2F2**.

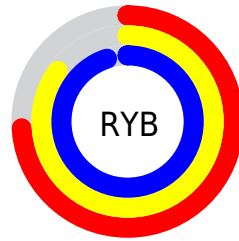
Distribution



Red (74%)

Green (95%)

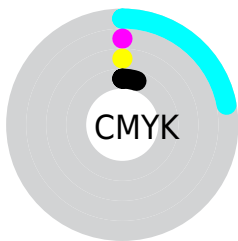
Blue (95%)



Red (74%)

Yellow (85%)

Blue (95%)

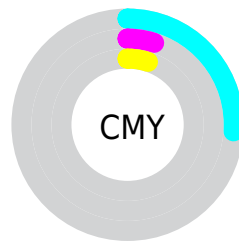


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDF2F2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BDF2F2 by changing the saturation by 10% instead.

 BDF2F2

FFFFFF

 F6FFFF

 BDF2F2

 A1D6D6

 86BABA

 6C9F9F

 528585

 396B6C

 1F5353

 003C3C

 002627

 000E12

 BDF2F2

 BDF2F2

 A5F2F2

 D5F2F2

 8DF2F2

 EDF2F2

 74F2F2

 FFF2F2

 5CF2F2

 44F2F2

 2CF2F2

 14F2F2

 00F2F2

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C6F2E1



BDF2F2



C0F0FF

Triad

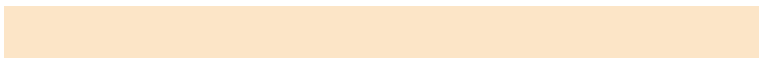
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDF2F2



F8E1FF



FCE5C7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



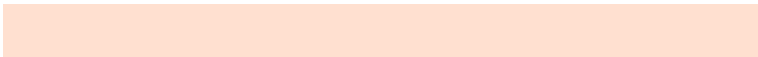
BDF2F2



F2BDBD

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFE0D0



BDF2F2



FFDDEF

Square

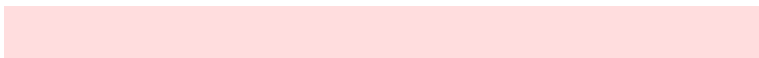
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDF2F2



E3E6FF



FFDDDE



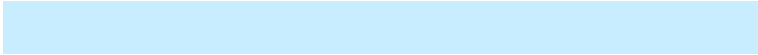
EBEAC8

Rectangle

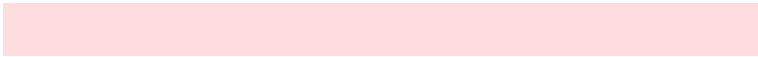
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



`BDF2F2`



`C8EDFF`



`FFDDDE`



`FFE3C9`

Sweetspot

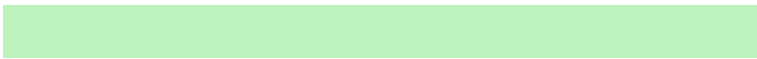
The Sweet Spot groups the original color and five complimentary colors.



BDF2F2



EDFFFF



BDF2BD



758080



000000



808080

Same Dimension

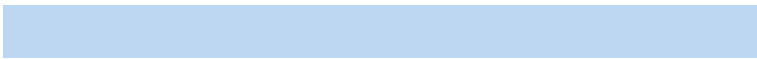
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDF2F2



BDFFFF



BDD7F2



6C7878



00B8B8



003838

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F2BDF2



FFBDF5



F2D7BD



786C78



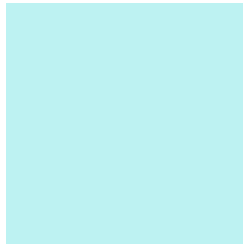
B800B8



380038

Previews

White Background



This preview shows how the Hex color BDF2F2 looks on a white background.

Color Contrast Check

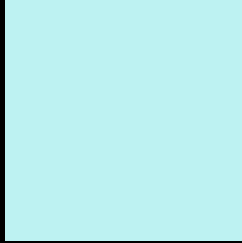
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color BDF2F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

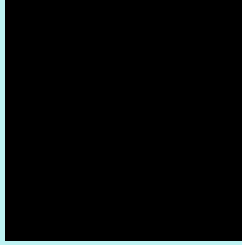
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BDF2F2 Background



This preview shows how black text looks on a background with the Hex color BDF2F2.

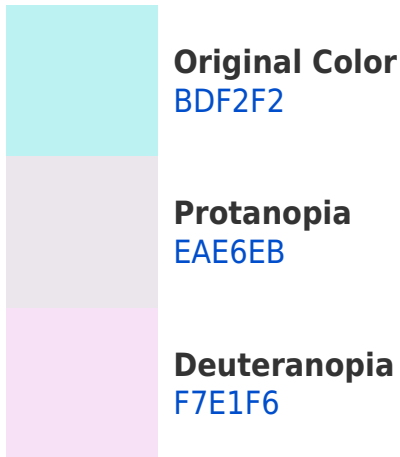


This preview shows how white text looks on a background with the Hex color BDF2F2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

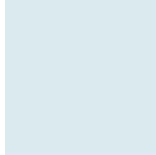
Dichromacy



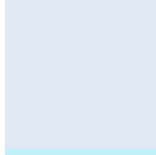
Trichromacy



Original Color
BDF2F2



Protanomaly
DAEAE E



Deuteranomaly
E2E7F5

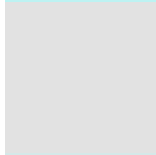


Tritanomaly
C3E FFA

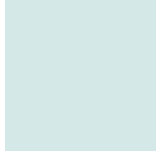
Monochromacy



Original Color
BDF2F2



Achromatopsia
E2E2E2



Achromatomaly
D5E8E8

CSS Examples

Text

The CSS property to change the color of the text to Hex BDF2F2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BDF2F2 looks like.

```
.text, #text, p{  
    color:#BDF2F2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BDF2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF2F2
}
```

Border

The CSS property to change the border of an element to Hex BDF2F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BDF2F2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BDF2F2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BDF2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDF2F2; -webkit-box-shadow:4px 4px  
4px 4px #BDF2F2; box-shadow:4px 4px 4px  
4px #BDF2F2 }
```

Background

The CSS property to change the background color of an element to Hex BDF2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDF2F2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BDF2F2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor